



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 097462	PRINTER SN 096,3580,960	DATE OF INSPECTION 9-6-2013
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbach Rd, St. Charles, Mo. 63303		TIME OF INSPECTION 0840 hrs

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL) ok
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) ok
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY ok
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY ok

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u> LOT # <u>12100</u> EXP. DATE <u>7/8/14</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34°C</u> SIMULATOR SN <u>1820</u> SIMULATOR EXP DATE <u>1/15/14</u>	
<input checked="" type="checkbox"/> CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)	
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE	
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE	
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE	

TEST 1 • .099	TEST 2 • .099	TEST 3 • .099
---------------	---------------	---------------

<input checked="" type="checkbox"/> RFI DETECTOR OPERATING ok

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 3 (0-.04) 0 (.05-.09) 2 (.10-.14) 1 (.15-.19) 4 (OVER .19) 3

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE P.O. Daniel Allen 11/6	PRINT NAME Daniel Allen
TYPE # PERMIT NUMBER EXPIRATION DATE 210265 11/22/13	TELEPHONE NUMBER (636) 999-3300

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 87th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-664-6470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **12100** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 20, 2012**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217% (w/vol)** ethyl alcohol. The expiration date for this lot number is **July 18, 2014** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 097462
 Version no: 004C
 TEST RECORD 01104
 Temp Date Time 210L
 Air Blank: 09/06/13 08:40 .000
 Calibration Check: 20 09/06/13 08:40 .099
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 P.O. D. Allen 196
 Location
 1781 Zumbach/
 St. Charles, Mo.
 Subject Name
 Subject I.D.
 Void: RFI
 12 09/06/13 08:44
 Subject Name
 Subject I.D.
 TEST RECORD 01104
 Temp Date Time 210L
 Version no: 004C
 AS IV Serial no: 097462

AS IV Serial no: 097462
 Version no: 004C
 TEST RECORD 01103
 Temp Date Time 210L
 Air Blank: 09/06/13 08:43 .000
 Calibration Check: 20 09/06/13 08:43 .099
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 P.O. D. Allen 196
 Location
 1781 Zumbach/
 St. Charles, Mo.
 Subject Name
 Subject I.D.
 AS IV Serial no: 097462
 Version no: 004C

AS IV Serial no: 097462
 Version no: 004C
 TEST RECORD 01101
 Temp Date Time 210L
 Air Blank: 09/06/13 08:40 .000
 Calibration Check: 20 09/06/13 08:40 .099
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 P.O. D. Allen 196
 Location
 1781 Zumbach/
 St. Charles, Mo.
 Subject Name
 Subject I.D.

AS IV Serial no: 097462
 Version no: 004C
 TEST RECORD 01102
 Temp Date Time 210L
 Air Blank: 09/06/13 08:41 .000
 Calibration Check: 20 09/06/13 08:41 .099
 Subject Name
 Subject I.D.
 Operator Name, I.D.
 P.O. D. Allen 196
 Location
 1781 Zumbach/
 Subject Name
 Subject I.D.